

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shinichi TAKESHIMA et al. APR 04 2002

Application No.: 10/090,781

Filed: March 6, 2002

Docket No.: 112160

For: EXHAUST GAS PURIFYING APPARATUS FOR INTERNAL COMBUSTION ENGINE

INFORMATION DISCLOSURE STATEMENTDirector of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. U.S. Patent No. 4,902,487 corresponds to JP A 1-318715.
- ☒ 3. U.S. Patent No. 6,185,930 B1 corresponds to JP A 11-324652.
- ☒ 4. U.S. Patent No. 5,100,632 corresponds to JP B2 7-106290.
- ☒ 5. English-language Abstracts of the non-English language references 4-7 are attached hereto.

Respectfully submitted,

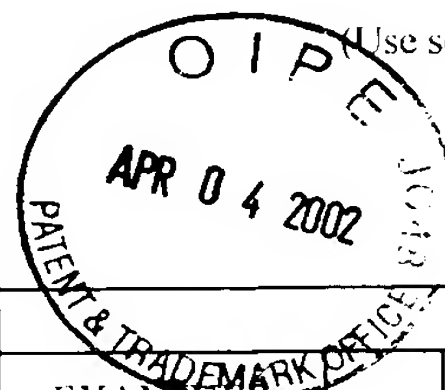
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10/090,781

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Shinichi TAKESHIMA et al.FILING DATE
March 6, 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	4,902,487	02/20/1990	Cooper et al.		
	2	6,185,930 B1	02/13/2001	Lepperhoff et al.		
	3	5,100,632	03/31/1992	Dettling et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	4	JP A 6-159037 (w/abstract)	06/07/1994	Japan		
	5	JP A 10-174845 (w/abstract)	06/30/1998	Japan		
	6	JP A 10-216558 (w/abstract)	08/18/1998	Japan		
	7	JP A 10-169431 (w/abstract)	06/23/1998	Japan		
	8	JP A 1-318715	12/25/1989	Japan		
	9	JP A 11-324652	11/26/1999	Japan		
	10	JP B2 7-106290	11/15/1995	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 4, 2002